#### BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2011 CONSUMER CONFIDENCE REPORT
CERTIFICATION FORM

ON ICE DESCRIPTION
Public Water Supply Name

OS 6000 - OS 60

The Federal Safe Drinking Water Act requires each *community* public water system to develop and distribute a consumer confidence report (CCR) to its customers each year. Depending on the population served by the public water system, this CCR must be mailed to the customers, published in a newspaper of local circulation, or provided to the customers upon request.

Please Answer the Following Questions Regarding the Consumer Confidence Report

	Customers were informed of availability of CCR by: (Attach copy of publication, water bill or other)
	Advertisement in local paper On water bills Other
	Date customers were informed://
	CCR was distributed by mail or other direct delivery. Specify other direct delivery methods:
	Date Mailed/Distributed:/_/_
X	CCR was published in local newspaper. (Attach copy of published CCR or proof of publication)  Name of Newspaper: The Richton DIS (attach copy of published CCR or proof of publication)
	Date Published: 5 442012
	CCR was posted in public places. (Attach list of locations)
	Date Posted: / /
	CCR was posted on a publicly accessible internet site at the address: www

#### **CERTIFICATION**

I hereby certify that a consumer confidence report (CCR) has been distributed to the customers of this public water system in the form and manner identified above. I further certify that the information included in this CCR is true and correct and is consistent with the water quality monitoring data provided to the public water system officials by the Mississippi State Department of Health, Bureau of Public Water Supply.

President, Major, Owner, etc.)

6-15-12 Date

Mail Completed Form to: Bureau of Public Water Supply/P.O. Box 1700/Jackson, MS 39215 Phone: 601-576-7518

# 2011 Annual Drinking Water Quality Report 2012 MAY 15 PM 4: 59 Janice Water Association PWS#: 0560007 & 0560008 May 2012

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is from wells drawing from the Miocene Aquifer.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identified potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the Janice Water Association have received a lower susceptibility ranking to contamination.

If you have any questions about this report or concerning your water utility, please contact Richard McLendon at 601.964.0132. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the first Tuesday of the month at 6:00 PM at the Janice Community Center.

We routinely monitor for constituents in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that were detected during the period of January 1<sup>st</sup> to December 31<sup>st</sup>, 2011. In cases where monitoring wasn't required in 2011, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) — The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control microbial contaminants.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

		1.	LOI K	ESULTS – PV	<b>VS ID</b> 7	7 2000	<b>y</b> /		
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL/MRDL	Unit Measure -ment	MCLG	MCL	Likely Source of	of Contamination
Microbiolo	gical Co	ontamina	ants						_
1. Total Coliform	Y	March	Major		NA I	0 1		ence of coliform	Naturally presen

Inorganic	Conta	minants	3						
10. Barium	N	2010*	.008	.007008	ppr	m	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2010*	.6	No Range	ppk	0	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2009/11	.1	0	ppr	n	1.3 AL=1.3		Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2010	.26	No Range	ppr	m	4 4		Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2009/11	3	0	ppt	0	0 AL=15		<ul> <li>Corrosion of household plumbing systems, erosion of natural deposits</li> </ul>
Disinfectio	n By-l	Product	S						
81. HAA5	N	2011	23	No Range	ppb	0		60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2011	6.38	No Range	ppb	0		80	By-product of drinking water chlorination.
Chlorine	N	2011	.6	.56 – .72	ppm	0	MR	DL = 4	Water additive used to control microbes

minants		MCL/ACL/MRDL				
10040*						
2010*	.005	.004005	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
2010*	2.1	.5 – 2.1	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
2011	.1	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
2010*	.443	.441443	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
2011	2	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
	2011	2011 .1 2010* .443	2011 .1 0 2010* .443 .441443	2011 .1 0 ppm  2010* .443 .441443 ppm	2011 .1 0 ppm 1.3  2010* .443 .441443 ppm 4	2011 .1 0 ppm 1.3 AL=1.3  2010* .443 .441443 ppm 4 4

<sup>\*</sup> Most recent sample. No sample required for 2011.

Microbiological Contaminants:

Microbiological Contaminants:

We are required to monitor your drinking water for specific constituents on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. On System # 560007, during march 2011, we did not complete all required monitoring or did not test according to required methods for total coliforms and, therefore, cannot be sure of the quality of our drinking water during that time. In March 2011, we required to take samples on two wells, due to a positive routine sample. We took samples within the 24 hours but the samples did not meet the criteria for raw water samples as required by the Groundwater Rule. This required us to take additional samples beyond the 24 hour period.

<sup>(1)</sup> Total Coliform. Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially-harmful, bacteria may be present. Coliforms were found in more samples than allowed and this was a warning of potential problems.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our Water Association is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing for \$10 per sample. Please contact 601.576.7582 if you wish to have your water tested.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline 1-800-426-4791.

#### \*\*\*\*\*A MESSAGE FROM MSDH CONCERNING RADIOLOGICAL SAMPLING\*\*\*\*\*

In accordance with the Radionuclides Rule, all community public water supplies were requires to sample quarterly for radionuclides beginning January 2007 – December 2007. Your public water supply completed sampling by the scheduled deadline; however, during an audit of the Mississippi State Department of Health Radiological health laboratory, the Environmental Protection Agency (EPA) suspended analyses and reporting of radiological compliance samples and results until further notice. Although this was not the result of inaction by the public water supply, MSDH was required to issue a violation. This is to notify you that as of this date, your water system has not completed the monitoring requirements. The Bureau of Public Water Supply has taken action to ensure that your water system be returned to compliance by March 31, 2013. If you have any questions, please contact Melissa Parker, Deputy Director, Bureau of Public Water Supply, at 601.576.7518.

The Janice Water Association works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

### PROOF OF PUBLICATION JUN 19 AM 9: 04

THE STATE OF MISSISSIPPI • PERRY COUNTY

PERSONALLY appapred before me, the undersigned Notary Public in and for Perry County, Mississippi, Larry A. Wilson, an authorized representative of *The Richton Dispatch*, a weekly newspaper as defined and prescribed in Sections 13-3-31 and 13-3-32 of the Mississippi Code of 1972, as amended, who being duly sworn, stated that the notice, a true copy of which hereto attached, appeared in the issues of said newspaper as follows:

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		Date May 24	
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Signed:		Representataive of	
		n Dispatch	

SWORN to and subscribed before me the _	25 day of May	_, 20 1 2
	Mary Mar Seint Lige Notary Public	to
My Commission Expires:	Trottaly I don't	
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## Janice Water Association PWS#: 0560007 & 0560008 May 2012

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TEST RESULTS - PWS ID # 560007

Contaminant

Violation

Level Range of Detects or Unit MCLG MCL Likely Source of Contamination

	Y/N	Collected	Detected	# of Sample Exceeding MCL/ACL/MR		Measure -ment		<u></u>		
Microbiolo	gical C	Contami	nants							-
1. Total Coliform Bacteria	Y	March	Major Monitoring		1	₹A A	0		sence of coliform bacteria in 5% of monthly samples	Naturally present in the environmen
Inorganic (	Contar	ninants				tari i	to.			
10. Barium	N S VA	2010*	.008	.007008		ppm	,2			metal refineries;
13. Chromium	N	2010*	.6	No Range		ppb	100	100		steel and pulp of natural deposits
14. Copper	N	2009/11	.1	0		ppm	1.3	AL=1.3		
16. Fluoride	N	2010	26	No Range		ррт	4		additive which	iral deposits; wate promotes strong e from fertilizer an pries
17. Lead	N	2009/11	3	0		ppb	C	AL=1!	Corrosion of he systems, erosi deposits	ousehold plumbing on of natural
Disinfectio	n By-P	roducts			1 1 E			WY. Y		
81. HAA5	N	2011		No Range	ppb		0	60	By-Product of dri disinfection.	nking water
82. TTHM [Total trihalomethanes]	N	2011	6.38	No Range	ppb		0	08	By-product of drin chlorination.	
Chlorine	N	2011	.6	5672	ppm		0 M	RDL = 4	Water additive us microbes	sed to control

RECEIVED-WATER SUPPLY

2012 JUN 19 AM 9: 04

VTV

before me, the undersigned Notary ounty, Mississippi, Larry A. Wilson, ive of *The Richton Dispatch*, a ined and prescribed in Sections he Mississippi Code of 1972, as v sworn, stated that the notice, a true ched, appeared in the issues of said

Date May 24	2012
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Notary Public

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Contaminant	Violation Y/N		Level	RESULTS – P	Unit	MCLG	MCL	Likely Source of Contamination	RECEIVED-WAT	···· world
	1//N	Collected	Detected	# of Samples Exceeding MCL/ACL/MRDL	Measure -ment				2012 JUN 19 A	M 9: 04
Inorganic (	Contan	ninants			-	······································			-	
10. Barium	N	2010*	.005	.004005	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries;	TY	
13. Chromium	N	2010*	2.1	.5 – 2.1	ppb	100	100	erosion of natural deposits  Discharge from steel and pulp	before me, the und	lersioned Notary
14. Copper	N	2011	.1	0	ppm	1.3	AL=1.3	mills; erosion of natural deposits Corrosion of household plumbing	anty, Mississippi,	
				San				systems; erosion of natural deposits; leaching from wood preservatives	e of The Richton	
6. Fluoride	N	2010*	.443	.441443	ppm	4	4	Erosion of natural deposits; water additive which promotes strong	ed and prescribed	
7.1								teeth; discharge from fertilizer and aluminum factories	1 2	
7. Lead	N	2011	2	0	ppb	0	AL≃15	Corrosion of household plumbing systems, erosion of natural	sworn, stated that	
Disinfection	Bv-Pı	oducts	<u> </u>					deposits	hed, appeared in t	ne issues or said
		2011 6	.53	3 – .64 ppm	<del></del>	0 MRI		fater additive used to control	-	
Most recent sample icrobiological Conta	. No samp	le required for	2011.			I	<u>l m</u>	icrobes		, 2012
crobiological Conta	minants:	scleria that are m	aturally new	et in the ancie		as,			ate May 24	
sent. Coliforms were	found in m	ore samples than	allowed and t	it in the environment and his was a warning of pote	are used as a ential probler	in indicator ns.	r that other,	potentially-harmful, bacteria may be	vate	, 20
e are required to	o monitor	your drinking	water for	Specific constituent	s on a mo	anthly ha	sis Dan	its of regular monitoring are a	Date	, 20
required monitor	ing or did	not test acco	ordina to re-	realth statituards, Of	otal asifas	F 500007	, during n	narch 2011, we did not complete	e <b>l</b>	
k samples within	the 24 ho	ours but the s	amnlee did	not most the criteria				, cannot be sure of the quality o o a positive routine sample. We quired by the Groundwater Rule		, 20
	iano daak	ional sample:	s beyond an	e 24 nour period,					Date	, 20
								en and young children. Lead in abing. Our Water Association is		, 20
water has been	sitting for	several hour	ny water, b	ut cannot control the	e variety o	f materia	als used i	plumbing components. When	. 🛮	
ed. Information o	n lead in i	drinking vate	r testing m	you are concerned a	about lead	in your	water, yo	u may wish to have your water	Jale	, 20
				ater/lead. The Missi 601.576.7582 if you					Date	, 20
ources of drinking	o water a	are subject to	notential o	confamination by au			lian. Pananas		Date	. 20
reasonably be	expected	to contain a	t least ema	ill amounts of some	ive substa	inces. Al	l drinking	water, including bottled water,		, , , , , , , , , , , , , , , , , , , ,
				y's Safe Drinking W					Date	, 20
								mmuno-compromised persons ants, people with HIV/AIDS or		
t drinking water	from thei	r health care	nrovidere	EDA/CDC quidoling	ny at risk f	rom inted	ctions. In	ese people should seek advice	times	
osporidium and	other micr	obiological co	ontaminants	are available from t	he Safe D	opnate n rinking W	neans to Vater Hotl	lessen the risk of infection by ne 1-800-426-4791.		
cordance with it	ie Kadion	ucides Kille	all commi	OH CONCERNING F	anlica was			Elica and the second of the se		
udit of the Missi	ssippi Sta	ite Denartme	nt of Healt	water supply complete Radiological hoof	eted samp	oling by the	he schedi	lled deadline; however, during		
action by the out	olic water	Supply MSC	M was rea	liance samples and	results un	til turther	notice. A	Ithough this was not the result	- )	
m be returned to	o complia	nce by Marc	h 31 2013	The Bureau of Publ	ic Water S	Supply ha	is taken a	nat as of this date, your water ction to ensure that your water lissa Parker, Deputy Director,	En Play	Osor
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anice Water Ass ct our water sour	sociation v	works around h are the hea	the clock to	provide top quality mmunity, our way of	water to e	every tap	. We ask	that all our customers help us	tepresentataive of	f
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